



Curriculum mapbook Computer

1st.Prep - First Term 2023 - 2024



- جروب فريق أصدقاء الكمبيوتر المتخصص / shymaa Elbawab



the computer preparation bookvision

The vision of the computer preparation notebook aims to raise the level of the teacher scientifically and educationally and thus raise the educational level (Technology) to be clear and contain all the capabilities that help the teacher manage the class in an appropriate atmosphere, using modern technology tools and taking into account the individual differences of the students

the computer preparation book mission

- Choosing and formulating various objectives (cognitive - skill - emotional), taking into account the integrity of the formulation and the individual differences of students, using modern technology methods.
- Creating an environment that stimulates learning and creativity to raise the level of students in computer science.
- Choosing the best educational, pedagogical and administrative strategies and training them on them and developing them
- Choosing scientific methods and means in teaching and using technology to support and enhance and facilitating the educational process.
- Use a presentation to explain the lesson, simplified and comprehensive, for all points of the lesson
- Using various evaluation methods, taking into account the individual differences of students and taking into account the measurement of goals
- Conclude the lesson in an appropriate and varied manner

Teacher

Guider

School manager

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learning outcomes	current curriculum content	Strategy	Teaching aids	calendar methods	Evidence and evidence	enrichment activities
Unit One (Computer Basics and Operating system)						
· Define the computer concept.	Lesson 1 Computer Basics	Brainstorming	Lesson preparation book Student's Book Electronic board	Do a research on the types of computers Search for devices search software Download Windows version	Evidence and evidence	enrichment activities
· Identify some modern computer types.		discussion –				
· Deduce the main components of the computer system.		– cooperative learning				
Differentiate between hardware and software.	Lesson 2 Computer Basics	practical training				
· State the kinds of the main memory.		Dialogue and discussion				
· Show the job of the central processing unit		Problem solving				
Give the meaning of operating system.	Lesson 3 Operating System	Brainstorming				
Numerate the operating system jobs.		Dialogue and discussion				
Differentiate the different types of modern operating systems.		Problem solving				
Mention the similarities of Graphical user interface (GUI) elements of operating system.	Lesson 4 Graphical Operating Systems Interface	Brainstorming				
Shares searches with colleagues on government websites		Critical thinking				
Understand the importance of operating systems for computers and smartphones		practical training				



<ul style="list-style-type: none">· Identify the file and folder concept.· Identify the most important kinds of files.· Deal with the file (create, save, copy and cut)· Identify the file and folder concept.· Understand the importance of files and folders to any operating system.· Deal with the folder (create, save, copy and cut)· Define the computer net concept.· Identify types of computer nets.· Mention the importance of computer nets and its usage	<p>Lesson 5 Dealing with files and folders</p> <p>Lesson 6 Following Dealing with files and folders</p> <p>Lesson 7 Computer Networks</p>	<p>Dialogue and discussion</p> <p>practical training</p> <p>Problem solving</p> <p>cooperative learning</p> <p>Dialogue and discussion</p> <p>practical training</p> <p>Brainstorming</p> <p>Dialogue and discussion</p> <p>Critical thinking</p>	<p>Student's Book</p> <p>Students note</p>	<p>that the student did with his classmates</p> <p>Create files with students' names Determine the file type and properties</p> <p>Network search work Program handling Gimp</p>
<p>Unit Two (Creating and Modifying Image)</p> <ul style="list-style-type: none">· Recognize program of creating and modifying images (Gimp)· Use the Help menu to identify the contents of the creating and modifying images program interface.	<p>Lesson 1 Image processing software</p>	<p>Brainstorming</p> <p>Dialogue and discussion</p> <p>Problem solving</p>		



Create a new image file.	<p>Lesson 2 Following Image processing software</p>	Practical Training	<p>Presentation</p> <p>Interact with presentation</p> <p>Oral questions</p>	Complex graphic design
Design simple drawings.		Dialogue and discussion		Quad color gradients Professional image control
Save the image file and all its data using the option Save		Problem solving		Quad color gradients Professional image control
Draw a free shape.		Brainstorming		Quad color gradients Professional image control
Design gradient color scheme.		Dialogue and discussion		Quad color gradients Professional image control
Copy part of the picture in the same layer.		Peer learning		Create an image with layers
Move the image.		Brainstorming		Use a variety of filters
Cut the image.		Critical thinking		Use a variety of filters
Rotate image.		practical training		Use a variety of filters
Recognize the concept of image layers.		Dialogue and discussion		Use a variety of filters
Be proficient in the use of the image layers to create an image.	<p>Lesson 5 Following Image processing software</p>	practical training		Use a variety of filters
Modify an image using image layers.		Problem solving		Use a variety of filters
· Identify the concept of Filters.		Peer learning		Use a variety of filters
· Identify how to use Filters.		Dialogue and discussion		Use a variety of filters
· Change the appearance of an image using Filters.		practical training		Use a variety of filters



Differentiate between bitmap Images Raster and Vector Images	Lesson 7 Following Image processing software	Brainstorming	calendar solution the text BOOK	Student's Book	Adjusting the color mode of the image
Recognize the color mode of the image (Image Mode).		Dialogue and discussion			
Modify one of the images Image Mode.		Critical thinking			
Design one of the painting.	Lesson 8 Following Image processing software	Brainstorming			Do a research on the types of computers
Use some tools in the program.		Dialogue and discussion			
Create painting through layers		practical training			

